

Connecticut Water Company Shoreline Region - SDC Water System

Well Name	Well Location	Well Type	DEP Groundwater Classification	Source Water Area (acres)
Well #1	Voluntown	Bedrock	GAA-Well	117

Factor	Source Water Assessment Ratings For This Well	Rating
I	Environmental Sensitivity	Low
II	Potential Risk Factors	Low
III	Source Protection Needs	High
Overall Susceptibility to Potential Sources of Contamination		Low
This rating is intended to indicate susceptibility to potential sources of contamination that may be in the wellfield source water area and does not necessarily imply poor water quality.		

Assessment Factor		Initial Assessment Findings	Recommendations for Enhanced Source Protection
I	Contaminants Detected in Source Water	Nitrate >1 mg/L	Maintain monitoring levels specified in the Connecticut Public Health Code Section 19-13-B102
I	General condition of well and related equipment	Good	Maintain well and equipment according to best management practices
II	DEP-inventoried Contaminant Release Points	There are no DEP-inventoried contaminant release points in the well's source water area	
II	Potential Sources of Contamination	There are no potential sources of contamination present in this well's source water area	
II	Source Water Area Land Use In The Town Of: Voluntown (Based on Satellite Imagery developed by University of Conn.)	Commercial/Industrial 2.3% Residential 24.0% Agricultural 3.1% Open or Undeveloped 70.5%	Proactively work with local officials and developers to insure that only low risk development occurs within the source water area. Support and encourage the acquisition of open space land within the source water area.
III	Land Area Around Wellhead	Public water system does not own or control entire 200 foot sanitary radius around well	Where feasible, increase ownership or control of 200 foot sanitary radius around the wellhead
III	Local Aquifer Protection Regulations	There are no local aquifer protection regulations for this source water area	Support the development of local aquifer protection regulations
III	Local Government Source Protection Initiatives	Comprehensive drinking water source protection policies do not exist at the local governmental level	Promote the development of drinking water source protection policies at the local governmental level
III	Water System Source Protection Initiatives	Public water system maintains a comprehensive source protection program	



Keeping Connecticut Healthy

State of Connecticut Department of Public Health
Drinking Water Division

410 Capitol Avenue – MS# 51WAT
P.O. Box 340308 Hartford, CT 06134
(860) 509-7333

Connecticut Water Company Shoreline Region - SDC Water System

Well Name	Well Location	Well Type	DEP Groundwater Classification	Source Water Area (acres)
Well #2	Voluntown	Bedrock	GAA-Well	117

Factor	Source Water Assessment Ratings For This Well	Rating
I	Environmental Sensitivity	Low
II	Potential Risk Factors	Low
III	Source Protection Needs	High
Overall Susceptibility to Potential Sources of Contamination		Low
This rating is intended to indicate susceptibility to potential sources of contamination that may be in the wellfield source water area and does not necessarily imply poor water quality.		

Assessment Factor		Initial Assessment Findings	Recommendations for Enhanced Source Protection
I	Contaminants Detected in Source Water	Nitrate >1 mg/L	Maintain monitoring levels specified in the Connecticut Public Health Code Section 19-13-B102
I	General condition of well and related equipment	Good	Maintain well and equipment according to best management practices
II	DEP-inventoried Contaminant Release Points	There are no DEP-inventoried contaminant release points in the well's source water area	
II	Potential Sources of Contamination	There are no potential sources of contamination present in this well's source water area	
II	Source Water Area Land Use In The Town Of: Voluntown (Based on Satellite Imagery developed by University of Conn.)	Commercial/Industrial 2.4% Residential 24.0% Agricultural 3.2% Open or Undeveloped 70.5%	Proactively work with local officials and developers to insure that only low risk development occurs within the source water area. Support and encourage the acquisition of open space land within the source water area.
III	Land Area Around Wellhead	Public water system does not own or control entire 200 foot sanitary radius around well	Where feasible, increase ownership or control of 200 foot sanitary radius around the wellhead
III	Local Aquifer Protection Regulations	There are no local aquifer protection regulations for this source water area	Support the development of local aquifer protection regulations
III	Local Government Source Protection Initiatives	Comprehensive drinking water source protection policies do not exist at the local governmental level	Promote the development of drinking water source protection policies at the local governmental level
III	Water System Source Protection Initiatives	Public water system maintains a comprehensive source protection program	



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